

# Comparisons of Job Characteristics

**Focus Occupation:** Health and Safety Engineers, Except Mining Safety Engineers and Inspectors (17-2111)

**Associated Occupation:** Training and Development Specialists (13-1073)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 12

**Focus Occupation:** Health and Safety Engineers, Except Mining Safety Engineers and Inspectors (17-2111)

**Associated Occupation:** Training and Development Specialists (13-1073)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Education and Training	9.2	23.5	12.0	<<	Extensive education and/or training may be required
English Language	11.2	18.4	14.8	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	18.0	10.8	<<	Extensive education and/or training may be required
Administration and Management	8.4	14.4	10.9	<<	Extensive education and/or training may be required
Clerical	7.3	13.5	8.8	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	12.8	7.1	<<	Extensive education and/or training may be required
Psychology	6.4	12.5	8.6	<<	Extensive education and/or training may be required
Communications and Media	5.3	11.7	7.2	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	11.5	5.0	<<	Extensive education and/or training may be required
Sales and Marketing	5.2	10.6	7.5	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 73

**Focus Occupation:** Health and Safety Engineers, Except Mining Safety Engineers and Inspectors (17-2111)

**Associated Occupation:** Training and Development Specialists (13-1073)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Learning Strategies	7.2	15.2	9.7	<<	Extensive development of skills in this area may be required
Instructing	7.8	14.3	9.1	<<	Extensive development of skills in this area may be required
Monitoring	9.9	13.2	10.8	<	A higher skill level may be required
Social Perceptiveness	9.1	12.2	9.6	<	A higher skill level may be required
Coordination	9.1	12.0	9.8	<	A higher skill level may be required
Operations Analysis	5.0	11.6	11.0	0	Current skill level may be sufficient
Service Orientation	7.9	11.2	8.3	<<	Extensive development of skills in this area may be required
Systems Evaluation	6.4	10.1	10.5	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 92			
Focus Occupation: Health and Safety Engineers, Except Mining Safety Engineers and Inspectors (17-2111) Associated Occupation: Training and Development Specialists (13-1073)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	16.0	14.7	0	Current ability level may be sufficient
Speech Clarity	10.2	15.0	11.6	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	14.6	14.6	0	Current ability level may be sufficient
Written Expression	9.8	14.3	13.4	0	Current ability level may be sufficient
Written Comprehension	11.0	13.7	14.1	0	Current ability level may be sufficient
Originality	7.6	11.8	10.6	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	10.1	11.0	0	Current ability level may be sufficient
Memorization	5.6	8.1	6.6	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 39	
Focus Occupation: Health and Safety Engineers, Except Mining Safety Engineers and Inspectors (17-2111) Associated Occupation: Training and Development Specialists (13-1073)			
Work Activities		Exclusivity of Activity	
Conduct training for personnel		30	
Direct and coordinate activities of workers or staff		3	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 72

**Focus Occupation: Health and Safety Engineers, Except Mining Safety Engineers and Inspectors (17-2111)**  
**Associated Occupation: Training and Development Specialists (13-1073)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Content management software	6
Data management and query software	1
Development software	4
Educational or reference software	12
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.